

# SHORT SKIH

Sonoma County Radio Amateurs, Inc.



Club Station

OCTOBER 1986 W6LFJ

P.O. Box 116 Santa Rosa, CA 95402 Repeater Station

WB6PVS

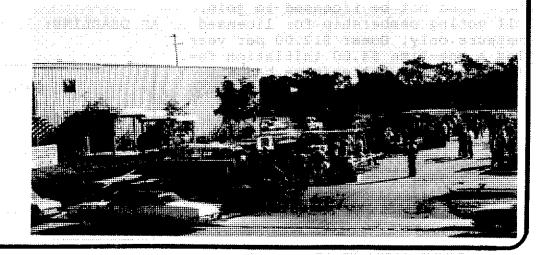
**VOL 11 # 9** 



#### FLEA MARKET!

(Full report next month)



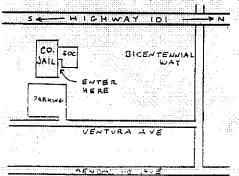




	OFFICERS FOR 1986:							
	PRESIDENT:	George Shedore	KS6W	838-6102				
	VICE PRES.:	Bob Olsten	WD6DPE	546-5593				
	SECRETARY:	Kathi Boyett	WB6UAZ	544-7943				
	TREASURER:	Ed Goei	KA5LGC	579-1681				
	REPEATER CHAIR:	Paul Hansen	AE6H	527-7955				
	ACTIVITIES CHAIR:	Steve Schaffer	KD6GC	546-8860				
			WB6RHP	632-5459				
SHORT SKIP STAFF:								
	EDITOR:	Alan Bloom	NlAL (e)	538-7115				
	1578 Los Alamos Ro	i, Santa Rosa, CA	95405 (d)	577-3981				
	ADVERTISING MGR:	Jim Rutherford	WB6PER	833-6020				
	CIRCULATION MGR:	Tracy Reese	WB6TMY					
	SWAP SHOP:	Hank Davis	WEDTV	823-7885				

RACES LIAS: WB6RHP/WD6DPE (see above) ARRL LIAS: Alan Bloom NIAL 538-7115 ASST. DIR: Chuck Sabin N6DDK 795-2371 PUB.RLATNS: KathiBoyettWB6UAZ 544-7943 -----ACTIVITIES COMMITTEE-----PUBLIC SRVC: Jim Boyette WN6D 544-7943 REFRESHMENTS AT MEETINGS: Bob WD6DPE GREETER AT MTGS: May Kobold N6GZV RAFFLE: LymanWB6SMY, N6GZV, Terry WA6RNF QSL MANAGER: Doug Bender WAØJRB VOL EXAMINERS: W6DTV WA6ACX NIAL K6ANP N6BLN AG6C WD6CKP WN6D WB6UDR WB6FRZ KF6FX WAØJRB WA8LLY EDUCATION: GeorgeShedore KS6W 838-6102 PROGRAM CHAIRMAN: Bob WD6DPE 546-5593 HIDDEN XMTR HUNTS: Don Osborne WA6ACX FIELD DAY: Gene Johnson W2EBG 578-3104 -----REPEATER COMMITTEE-----Alan Bloom N1AL-Jim Rutherford WB6PER Jim Boyett WN6D-Phil CopenhauverN6KZS Brian KotzianKE6WL-Terry LadukeWA6RNF Hoppy Bravin WD6CKP (Westlink b'cast) -----CLUB MRETINGS-----7:30 PM 1st Wed of each month at the Emergency Operations Center (EOC). NEXT CLUB MEETING: Oct 1, 1986

Meetings open to all, member or not. Need not be licensed to join. Full voting membership for licensed Amateurs only. Dues: \$12.00 per year plus a one-time \$4.00 initiation fee. (Includes call-letter/name badge.)



### ARE YOU NOT AN SCRA MEMBER?

IF SO, then this is a complimentary copy. Our club is into almost every aspect of amateur radio: repeaters (13/73), Field Day, license classes (novice/upgrade), volunteer exams, RACES, DX programs, packet radio, hidden xmtr hunts -- you name it.

We invite you to attend our next monthly meeting (see below) or check into the SCARS net on the 146.13/73 repeater every Tues. night at 7 PM. You will hear the latest Westlink Amateur Radio news broadcast, announcements, and a Swap Shop. you would like to join SCRA, please refer to the dues listed below. 73!

#### SHORT SKIP ADVERTISING RATES:

\$14 First 1/4 Column \$2 Additional 1/4 Columns (\$28 Full Page, 1 side)

Pre-printed inserts: \$28 (8.5 x 11" sheet)

Guaranteed circulation: 200/month

AD DEADLINE: 15th of previous month

#### RADIO SHACK

Store Nr. 3855

Zane Bates, Manager

510 Farmers Lane Telephone Santa Rosa, CA 95405 546-8423 MINUTES OF THE GENERAL MEETING OF SCRA, September 3, 1986

Meeting was begun at 7:31 by George KS6W, President. VISITORS: Robert K6GEV (new member), Karen KA6ZDB and Mike N6DBZ TerSarkissoff, Dave KA5ZQE, Hans KA6HXP, Lance Brown, Ren N6NWZ, Sam W6WXU, Kermit W6JFN, Charlie WA6GFV (new member), Roger WB6NRS, and Bill KB6KUN. New Call: Doug WW6D (former WAØJRB). INTRODUCTIONS of membership followed.

GUEST SPEAKERS: Kermit W6JFN: Valley of the Moon's Jack London 1) weekend, Sept. 13 & 14 and 20 & 21. The Amateur Radio operators will be setting up a station by Jack London's ranch house near the winery. intent is to contact as many other hams as possible during this special weekend of celebrating Jack London's centennial. Each contact will be sent a certificate 8 1/2 by 11 with the jack London memorial stamp hand canceled in Glen Ellen. But, they need operators to help. They will be on the air starting on Saturday 8 AM and going to Sunday 6 PM both week-20, 15, and 40 meters and perhaps 80 depending on what happens in the evening. They will need 3 operators at each station - 1 to operate, 1 to log, and 1 to meet the public. The main purpose is to promote Amateur Radio. ARRL is sending handouts to give to the public. If you are interested, sign up with Sam W6WXU. They will be operating under N6KM.

ATV is becoming available in the area. A small demonstration was put on transmitting from airplane to ground. It was so successful that another will be put on for CDF and the EOC and any others. They are on 434 MHz, down converted to Channel 3. Hopefully, after the demonstration, some funding will come for a repeater to be put on Sonoma Mtn. CDF actually has the funds if we can show them that we have the personnel and ability to do this.

Mike N6DBZ: Packet radio demonstration. Packet has been utilized for some time as a communication between computers going through wires. The concept was borrowed from there and applied to radio. It is another way that Amateur Radio allows you to communicate. It involves wanting to send a message to someone else. Packet needs to have the station to whom you want to talk to, and if that station isn't nearby, another station to go through. It involves you typing at a keyboard, pressing a key or two, having your radio put out some sounds (the packet - call letters it is going to, the mesage, and call from where it came). If the station you want to contact has their radio on, it will pick out their callsign and receive the message. You can then talk back and forth using the keyboard as if you were talking simplex. Equipment needed: a computer and monitor/keyboard (you can also have disk drive, printer, etc.), program to convert computer into a terminal, antenna, TNC (terminal node controller), and a radio. You use digipeaters if you can't connect direct (can use up to 8 different repeaters to bounce signal.) Mike than explained how the TNC works along with the radio. Afterwards he have a demonstration connecting with Al N6MSL in Sebastopol. Packet is an interesting way to communicate and does not need to be expensive. Useful because you can use it for traffic handling - because of typing and printing you can have hard copies of all communications, messages can be held while an operator is away from their station, very reliable and accurate, distribution to many people at the same time. Frequencies 145.01, -.03, -.05, -.07, -.09(mailbox frequency). Multi conversations can be carried on with several stations receiving the same message at the same time.

Mike then told us about a new method of storage he just saw. Whereas a computer can store on the following: diskette - 360 Kilobytes, hard disk - 10 million bytes, compact disk 50 million bytes; a new crystal cube allows storage with laser beam projection - 1 billion bytes storage.

MEMBERSHIP RAFFLE: \$6.00 was lost by Don KB6LO.

The MINUTES were approved (moved by May N6GZV, seconded by Wayne W6RIA.)

TREASURER'S REPORT was as follows: General Fund has \$741.60, Repeater Fund has \$1462.00. The report was given by Al NIAL, as Ed was absent. (Moved by Warren WB6RHP, seconded by Wilbur N6MGY.)

FLEA MARKET Report by Al NIAL: Ad's to all magazines, mass mailing to all hams in Sonoma County next week, mailing to previous attendees and Grand prize to cost no more than \$300. (Moved by Al NIAL, seconded by Steve WA8LLY).

REPEATER: PL is now working whereas it wasn't operational before. your radio isn't working, check your PL.

EDUCATION: Many have signed up for Novice classes. Also, offering upgrade classes. Initial meeting held at EOC on Tuesday, Sept 9 at 7 pm.

RACES: Drill last Saturday involving a simulated airplane crash into a Some sent in messages and others came into the EOC and operated as Net Control. It took the first person 30 minutes to get into the EOC. September 27 - makeup training session at the EOC.

PR: Announcements of the club meeting were put in the newspapers. Announcements of the Flea Market were sent to over 50 newspaper, radio, and TV stations. Also announcements about the upcoming classes were submitted to the newspapers. Copies of any of the PR would be appreciated as we are keeping a file.

PICNIC: May N6GZV reported on how much fun the picnic was and that everyone had a great time.

The CHRISTMAS PARTY will be on December 6 at the Windsor Mobile Home Clubhouse.

OLD BUSINESS: Net Control for September = we still do not have a NCS for September. Carolyn N6KLR will continue unless someone volunteers. Susan N6IRJ will be net control for October.

It has been suggested that the club find a NEW MEETING PLACE for the monthly meetings. It is to the point that because of the attendance there are not enough chairs. Also, because of the parking problem which will last for at least two years. Warren WB6RHP suggested using the National Guard Armory. He has checked into it and we can use it for no cost, but we will need to set up and take down chairs. Wayne W6RIA suggested using the Community Recreation Center, but thought there would be a fee for about \$10/month. It was decided to try the Armory for two months and then decide. [Ed note: Change of plans: next meeting still at the EOC.] (moved by Jim WN6D, seconded by Garry KB6MXZ)

NEW BUSINESS: Al NIAL read an article from the Redwood DX Club Newsletter. As soon as results are published in QST, they will give an appropriate award to SCRA for getting more points at Field Day this year.

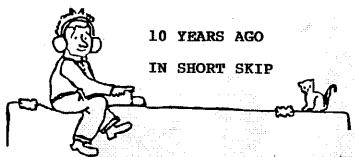
A change in the Bylaws to cover special elections to fill office vacancies during the year is being worked on and will be published in Short Skip and voted on next month.

Steve WA8LLY will be ordering Callbooks again this year. If anyone is interested in getting one, contact him. Bulk rate will bring the price even lower. Approximately \$20 +/- \$2.

Raffle was then held.

The meeting was adjourned at 9:47.

-- Submitted by Kathi Boyett WB6UAZ, Secretary



The October, 1976 issue of Short Skip announced the annual club auction for the October meeting. The club gets 10% commission.

The skeptics were convinced at the Sept. meeting when Glen WA6STS successfully contacted Oscar 7 from the Red Cross building using portable equipment.

Bob Wolbert AA6HPF passed his Extra at the age of 14. Over 200 students in Santa Rosa schools have seen the film, "The Wide World of Ham Radio", through the efforts of Bob Sones WB6FKV.

On the Amateur Radio newsfront, "WN" callsigns will no longer be issued to Novices after Oct. 1. The ARRL's new outgoing QSL Bureau starts on the same date.

#### WANT: OLD SHORT SKIPS

Please, if you have any of the following in your collection, call Al Bloom NIAL so we can photocopy them for our records. 577-3981 (days) or 538-7115 (eves).

Vol. II (1977) all issues . Vol. III (1978) issues # 1, 2, 3, 4, 7, 9, 11, 12 Vol. IV (1979) issue # 4.

Thanks to Bob WD6DPE, Betty AG6C, Terry WA6RNF, Warren WB6RHP & Brian KE6WL for their kind donations.

#### NEW CALLS AROUND THE COUNTY...

Was	Is	
N6BLN	WW6F	Lyle Meek
WB6FFI	พบ6พ	Bob Gabler
KH6FIC	KI6KE	Jim Johnston
WB6UBA	WN6D	Jim Boyett

#### THE NEXT CLUB MEETING WILL BE AT THE

## EOC!

It turns out the Armory is not free after all. Pending a decision on whether we need a new meeting place, the next meeting will still be at the EOC.

### TREASURER'S REPORT FOR MONTH ENDING AUGUST 31, 1986

ACCOUNT (100)	REVENUE	EXPENSE
ARRL Membership	2.00	
Coffee & Donuts	2.65	
Dues & Initiations	22.00	
Fund raising event	•	294.54
Raffle	12.14	•
Badges		9.54
Short Skip Expense		188.27
Secretary's Expense	<b>-</b>	32.36
Short Skip Revenus		
	94.79	524.71
NET LOSS		429.92
Ello Pella fraffikkula och ufat sellit	The general distriction	
ASSETS:		
General Acct (Excha		741.60
Rptr Fund (Northbay	y Savings)	1461.70
TOTAL ASSETS:		2203.30

#### - de KA5LGC







ARRL Exec. V.P. KlZZ & Pres. W4RA



73 Magazine Editor W2NSD

ARRL NATIONAL CONVENTION, SEPT 5-7, SAN DIEGO, CA

#### PACKET RADIO IN EMERGENCY COMMUNICATIONS

Packet radio was extensively used for health & welfare traffic from firefighters etc. in the recordbreaking forest fires last year in Southern Calif. At the ARRL National Convention in San Diego. Bill Talanian WluuQ let us in on some of the lessons learned.

Advantages of packet include accuracy of transmission, convenient hard copy, and the need to write it down only once. It's important to set up a separate message center away from tactical communications. At least 2 people are needed at the incident site -- one to screen and format messages and determine the best routing -- one to operate.

A list of pre-established messages (whether standard ARRL texts or not) makes it easy to save typing by merging "boilerplate" files using a text editor.

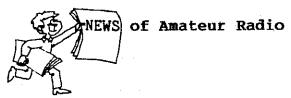
ACCURACY FIRST, SPEED LAST: While packet is error-free, the people doing the typing are not.

Wordstar was used for editing messages. This was a mistake. Simple, easy-to-learn text editors are far preferable. Don't use dumb terminals; this is inefficient use of channel time. Edit and store messages onto disk "off-line", then dump them all out at once on the radio at a constant 1200 baud.

Equipment: Expect a harsh environment. Disk drives took a beating from soot/ash from the fire. Power sources will be noisy, spikey, and unreliable. Choose equipment accordingly. Get gear integrated before going to the site: You don't want to be trying to solder cable adapters in the field.

Hard copy is an absolute necessity. This is especially so for tactical traffic. Each message should be numbered.

-- NIAL



THE 1986 ARRL NATIONAL CONVENTION held in San Diego Sept 5-7 was "quite possibly the finest Amateur Radio gathering ever held in the Western US, and set a new standard for ARRL conventions" according to Dave Sumner KlZZ, Executive VP of ARRL. With nearly 6000 attending, there were over 50 forums held plus alternative activities. (ARRL)

Among SCRA members who attended were N1AL, N6FCV, KB6LO, VP2ML, K6MUP, and WB6RHP.

AUTOMATIC ID DEVICES would be required on every radio/TV transmitter in the country under a proposal (Gen. Radio Docket 86-337) by FCC. Spurred by the recent satellite QRM caused by "Captain Midnight", the system would be in effect by Dec 31, 1987 for satellite transmitters, Jan 1, 1993 for Amateur radio rigs, and eventually for all radio and TV transmitters. Filing deadline is Oct 20, 1986. ARRL will file against it's implementation in the Amateur Service. (ARRL, Westlink)

AN ANGRY LETTER by ARRL New England Div. Director Tom Frenaye KlKI to Westlink Report disagrees with ARRL's decision to disqualify the candidacy of KlVR for Vice Director because of his business connections. Tom has formally requested a special meeting of the Board of Directors to reconsider. (Westlink)

ARES PREPAREDNESS paid off in Orange County on Aug 31 when an Aeromexico DC-9 jet collided with a small plane and crashed into a residential area in Cerritos. Over two dozen ARES members "performed like a well-oiled machine." One hour after activation, a call went out for packet stations to handle health & welfare traffic. Since there was no system to notify local packet stations, they had to call in a mobile packet staion based 75 miles away. (Westlink)

A NEW CALLSIGN PROGRAM being discussed by FCC and ARRL would probably work this way: FCC would issue only 2x3 calls such as those now assigned to Novices. If a licensee wishes, he could go to the "private sector" [presumably ARRL] to pay for a special call in his license class group. Fee would likely be \$20-\$30. Details would be worked out by the organization(s) issuing the callsigns. (ARRL)

by ARRL request 2 modifications:
1) the proposed subband at 1246-1260 be changed to 1270-1295 in order to correspond with the existing band plan, and 2) two volunteer examiners (rather than one) be required for the Novice license. (ARRL)

CALL SIGNS ISSUED as ofSept 1 (ARRL)
EXTRA ADVANCED TECH/GEN NOVICE
WX6E KI6JY N6OER KB6OAK

Thanks to the ARRL Letter and Westlink Report for permission to reprint.

#### PACKET NEWS

For those having trouble getting into the Bay Area, club member KI6KE (ex-KH6FIC) now leaves his station on in digipeater mode on 145.09 with 50 Watts pointed South. He has no trouble hitting W6AMT (Loma Prieta), WDCMU-1 in Richmond, or Randy's digipeater (N6IJP-1) on St. Helena.

Jim hopes to have antennas up soon for accessing the new Japanese satellite JAS-1 when it activates its "store-and-forward" mode.

#### HELP A BUDDING NEW NOVICE

KS6W is looking for guest speakers for the Novice and Upgrade classes now going on. If you have an interesting topic you'd like to talk about, or if you would like to help teach a class, call George Shedore KS6W at 838-6102 (eves) or 792-2277 (days).

#### DON'T LOSE THOSE NOVICES!

The Instructors' Forum at the ARRL Nat. Convention in San Diego drew only 15-20 attendees, but ARRL Training Manager John Foss W7KQW had several very interesting things to say.

All ARRL code tapes will have a radically new format next year. (Changeover will occur Dec '86 thru 1987.) They will feature stereo cassettes with symphonic music on one channel, CW on the other. Tests show that at low levels, the music actually improves CW comprehension, while a twirl of the Stereo Balance control can simulate ORN as the music level is increased. Some tapes will also have different CW on each channel to simulate QRM.

ARRL is considering developing "Weekend" Novice or Tech courses. They believe that, based on similar successful programs developed for pilot training, "total immersion" techniques can take a person from zero to Novice or Novice to Tech in a weekend. Instructors must be highly trained in specialized teaching techniques, so would have to travel back East for training/ certification. Cost would be around \$200 per student.

A big problem with many Novice courses is drop-outs: How do you keep them interested? Surprisingly, John recommends playing up public service aspects of Amateur Radio. Far from turning people off, he finds that many are excited by this opportunity to help their fellow man. Other advantages of ham radio: -Help your kids learn geography and world cultures as you work DX. -Gain a hobby for retirement: you'll never be alone. -Bring in some equipment and let the students tune around. -Communicate your enthusiasm, care about the subject, and care about the students.

Finally, how do you get your new Novices on the air? Assign one Elmer to each student. If you quarantee the Elmers that they won't be called more than once every 2 years, you'll get more volunteers.

#### NEW MEMBERS SINCE SEPTEMBER

Glenn Hetchler WBØDKT 1257 Bertha Lane Santa Rosa, CA 95405 578-7432

Robert N. Scolnick K6GEV 900 Liberty Rd. Petaluma, CA 94952 762-8874

Charles H. Corbett WA6GFV 5555 Montgomery Dr. Santa Rosa, CA 95405 579-6913

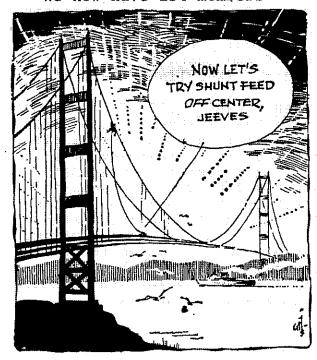
Hans G. Sorensen KA6HXP 9684 O'Connell Rd Sebastopol, CA 95472 823-2091

Ren Baculo N6NWZ 5599 Inverness Ave. Santa Rosa, CA 95404 584-8320

Larry Rau KF6WV 16615 Coleman Valley Rd. Occidental, CA 95465 874-3018

Dave Weston KA5ZQE 710 W. Main # 406 Arlington, TX 76013 800-457-6465

We now have 154 members





Karen Tersarkissoff, KA6ZDB; Pam Bender, KB6LVI; and Marie Mappus, N6KUS (left to right), at their outdoor, Field Day station. (Photos by Doug WA6JRB)



Sarah Davis, N6FAX (left) and Irma Osborne, KF6FX, are kept busy logging contacts.

## Field Day — all West Coast, but all different

A group of YL hams from the Santa Rosa-Sebastopol area of Sonoma County, California, decided to try their skills at an all-"YL only" operation.

For the past three years, the YLs have joined their husbands for a weekend of camping while the OMs did Field Day. The wives assisted where they could and always had the meals ready when needed. This year was different. The wives handled Field Day while the husbands did the support duties. Heavy planning began immediately after last year's Field Day and lasted throughout the winter. When spring arrived and the camping season started, the group known as the "Low-Powered Hams" was once again on the road camping and the wives began their Field Day Training.

When Field Day arrived, the site had been selected and the group was ready to go. Up went the vertical, the dipoles and the 2-meter beam. The rig was placed on a table in a shady spot, and the operators eagerly awaited the 11 a.m. start time. The time finally arrived and the contesting and confusion began.

They had absolutely no contesting experience and very little HF operating time. Several had just upgraded prior to the contest. Six YLs earnestly tuned the bands and made as many contacts as they could. The initial few hours were very hectic and very few contacts were made. Procedures were confusing and the equipment unfamiliar. However, they remained in good spirits and all were enjoying the challenge. By Sunday morning, they had increased their QSO rate from 15 an hour to four or five a minute.

When the event finally ended, six rookies had tasted the thrill of victory and the agony of defeat. The learning experience was wonderful, in spite of the fact that only 144 QSOs had been made during their eight hours of operation.

The YLs ranged in age from 74 to 25. They were: Sarah Davis, N6FAX; Irma Osborne, KF6FX; Marie Mappus N6KUS; Pam Meek, N6MHU; Pam Bender, KB6LVI; and Karen Tersarkissoff, KA6ZDB. A good time was had by all and already the ladies are asking, "When is the next contest?"

— Compiled from information sent by Malibu Sheriff DCS; Irv Lans, KA6SOP; Rufus McCracken, KH6QL; and Pam Meek, N6MHU

WORLDRADIO, October 1966

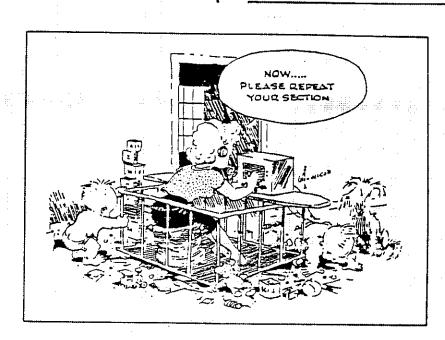
After many hard weeks, even months, several members of our Novice class had learned the theory and sweated out the code to earn our Novice tickets. About everyone decided to stay on and go right on preparing for their Technician ticket.

It was fun to go to class each week and find out who had received their call and share "first contact" experiences. However, it became apparent that several of the group were experiencing "key fright" and were not getting on the air at all. Our instructor decided to help out by talking us through a standard type of contact, step by step.

"Now what is the first thing you say after you establish contact?" he asked.

A voice from the back of the room called out "QRS, QRS." We all agreed.

Pass it on . . . WORLDRADIO



#### NEW SICK LEAVE POLICY CONCERNING CLUB MEETINGS

SICKNESS: No excuse. We will no longer accept your doctor's statement as proof, as we believe that if you were able to go to the doctor, you are able to come to the meetings.

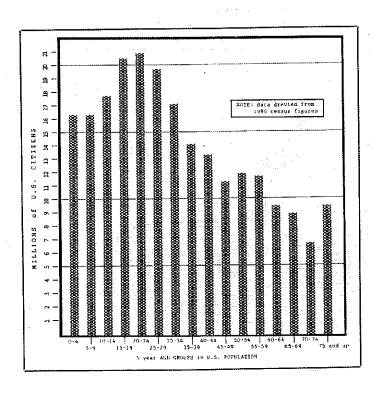
LEAVE OF ABSENCE (i.e. operations): We no longer allow this in practice. We wish to discourage any thought that you may have about needing an operation. It is believed that as long as you are in the club you will need all of whatever you have and should not consider having anything removed. We accepted your application as you were, and to have something removed would certainly make you less than we bargained for.

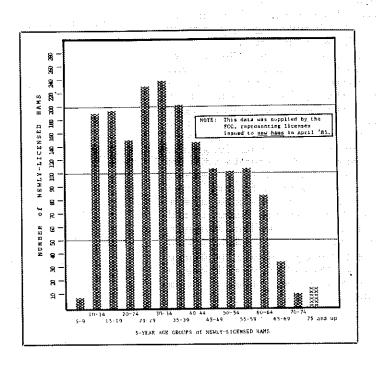
REST ROOMS: Too much time is being spent in the rest rooms. In the future we will follow the practice of going to the rest room in alphabetical order (be prepared to bring a paper clip or some reasonable facsimile thereof!) If you are unable to go at your time, you will just have to wait until the next club meeting when your time comes again.

DEATH (not your own): This is no excuse. There is nothing you can do for them, and we are sure that someone else with less important things to do can attend to the arrangements. Since most funerals are held in the daytime, this should not interfere with club meetings anyway, but this is still no excuse for missing such activities as Field Day.

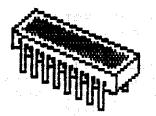
DEATH (yours): This will be accepted as an excuse, but we need at least thirty days notice since the club editor has to get it into Short Skip, and the advisory board can decide whether to accept your death or not.

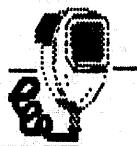
(Thanks to "Linear Lines" of the Trident Radio Club, Charleston Hgts, SC via N4CII and the Amateur Radio News Service.)





ARRL Field Forum

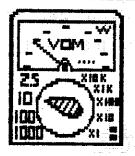




792-2277

#### ONE BLOCK SOUTH OF NEW K-MART IN ROHNERT PARK

	YEASU	FT650 Six Meter Transceiver \$225	.00
	LARSEN	2 Meter 5/8 wave mag-mount complete: \$37	.00
	DICK SMITH	2 Meter Amps. 3W in, 30W out: \$59	.00
		12 Volt Soldering Irons \$3	.95
		1621 Portable Antenna \$69	.95
•	MFJ	24-Hour LCD Clock \$9	.95



CONSIGNMENT NOW TAKEN

ON AMATEUR RADIO GEAR!

PHONE IN YOUR ORDERS, DELIVERY BY NEXT-DAY UPS!



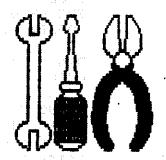
## <u>WE STOCK THE MAJOR PRODUCTS</u>

MIRAGE LINEARS, KLM ANTENNAS, ARRL PUBLICATIONS, VAN GORDEN ANTENNAS, DICK SMITH PRODUCTS, LARSEN ANTENNAS, TAB BOOKS, AND MANY MORE!

#### COME VISIT OUR COMPUTER & HAM

HAVE A FREE CUP OF COFFEE, BROWSE AROUND THE STORE AND SEE ALL THE SURPLUS BARGIANS THAT ARE AVAILABLE. CHECK OUT OUR NEW AND USED COMPUTER EQUIPMENT IN THE "COMPUTER ROOM". STOP INTO OUR (SOON TO BE COMPLETED) "HAM ROOM" AND "QSO" WITH YOUR LONG LOST FRIENDS. COME CHECK US OUT, YOU'LL BE HAPPY YOU DID!





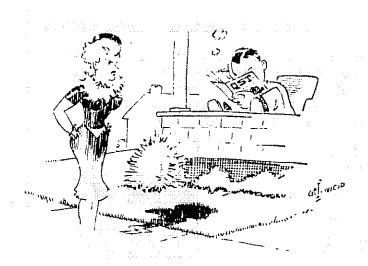


#### BYLAW CHANGE

The following change to the Bylaws was proposed by NlAL at the September meeting. It will be voted upon at the October meeting. Deletions are indicated by strikeouts. New text is is [brackets]. A sentence that was moved is indicated by <br/>brackets. The old location is indicated by <>.

The annual elections shall be held at the regular November meeting. The President shall appoint a nominating committee at the October meeting. [These] <new officers officially assume their duties on January 1.> [Special elections to fill vacant Board position(s) shall occur at the next regular meeting after the appointment of temporary replacement(s) by the Board.] [All] The elections shall be held by secret ballot of full members present for any office for which there is more than one candidate. <>"

This change is required by Article IV, section 5 of the SCRA Constitution which states "The Board may appoint persons to fill vacant positions on the Board until a special election is held as provided for in the bylaws."



#### EVENTS CALENDAR:

(Dont forget SCARS net every Tuesday at 7:00 PM on 146.13/73)

Oct 1 - SCRA meeting 7:30 PM - Pacific Div. Convention Oct 3-5 San Jose, contact AE6Z - RACES Nets, 7:00 PM Oct 6 - 160M Midnight Special Oct 12 - CDF VIP Meeting 7:30 PM Oct 16 - NARC Meeting, Concord - RACES Simul'd Emer. Test Oct 18 - RACES Nets, 7:00 PM Oct 20 - Sonoma Co. Emer. drill Oct 25/26- COWW SSB DX Contest

Nov 1/2 - ARRL Sweepstakes, CW Nov 5 - SCRA meeting 7:30 PM Nov 7/8 - HAM/WEST Conv., Las Vegas Nov 15/16- ARRL Sweepstakes, Phone

Dec 5/7 - ARRL 160 Meter Contest
Dec 6 - SCRA Christmas Party
Dec 13/14- ARRL 10 Meter Contest

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HEATH Cantenna \$15, SB-220 2kw PEP linear w/10 M coil/manual \$350, HEATH SB610 monitor scope \$75, SWAN 500 Xcvr w/manual/PS/spkr \$150, Turner & Realistic(33-992) mics \$25, RME 6900 Rcvr w/6901 spkr \$75, VIB-ROPLEX \$25. W6KKF Norvell 762-2847

DRAKE 2kw MN2000 antenna tuner \$159. WU6W Bob 578-8480

ROBOT Hi/Low Tone w/series/parallel ports, 13" and 9" monitors, switch-box for gateway, 704 Centronics 14" printer, Model 33 60 wpm baudot and reperf. \$850. KA6THB Bob 542-4885







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